



US 20170100052A1

(19) **United States**

(12) **Patent Application Publication**
JUNG et al.

(10) **Pub. No.: US 2017/0100052 A1**

(43) **Pub. Date: Apr. 13, 2017**

(54) **APPARATUS AND METHOD OF
MEASURING BIO SIGNAL**

A61B 5/026 (2006.01)

A61B 5/08 (2006.01)

A61B 5/00 (2006.01)

A61B 5/024 (2006.01)

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(52) **U.S. Cl.**

CPC *A61B 5/0537* (2013.01); *A61B 5/4872*

(2013.01); *A61B 5/4519* (2013.01); *A61B*

5/02438 (2013.01); *A61B 5/681* (2013.01);

A61B 5/6826 (2013.01); *A61B 5/026*

(2013.01); *A61B 5/0809* (2013.01); *A61B*

5/02405 (2013.01); *A61B 5/0205* (2013.01)

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ABSTRACT

A method of measuring a bio signal using a bio signal measuring apparatus includes: positioning electrodes included as part of the bio signal measuring apparatus to contact a surface of an examinee; switching an impedance measurer included as part of the bio signal measuring apparatus and including a voltmeter and a current source; measuring a first impedance value of the examinee while operating the impedance measurer according to a first mode; switching the impedance measurer to a second mode; measuring a second impedance value of the examinee while operating the impedance measurer according to a second mode; and obtaining bio impedance of the examinee based on the first and second impedance values and an internal impedance of the current source.

(21) Appl. No.: **15/266,410**

(22) Filed: **Sep. 15, 2016**

(30) **Foreign Application Priority Data**

Oct. 7, 2015 (KR) 10-2015-0141040

Publication Classification

(51) **Int. Cl.**

A61B 5/053 (2006.01)

A61B 5/0205 (2006.01)

